

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5870484").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/13 09:47
L2	18	("3104729" "3627948" "3754618" "4596034" "5764777").PN. OR ("5870484").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/13 09:47
L3	2	("4750585").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/13 10:03
L4	21	("1975201" "2491982" "2646852" "3263769" "4073365" "4142604" "4157741" "4231446" "4235301" "4280586").PN. OR ("4750585").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/13 10:03
L5	17	"6118883"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/13 10:09
L6	17	"6118883"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/12/13 10:09
L7	13	"6175489"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/12/13 10:13

L8	110	((("4546459") or ("20040196982") or ("20050063555") or ("5666960") or ("5746699") or ("5882314") or ("4299467") or ("4338489") or ("4357853") or ("4513261") or ("4771466") or ("4783997") or ("4996674") or ("6091813") or ("6128392") or ("6130949") or ("6440083") or ("20050111673") or ("20080101645") or ("5753818") or ("6766033") or ("20030053648") or ("20060113872") or ("4604542") or ("4633119") or ("5003285") or ("6078673") or ("6112847") or ("6394223") or ("20040105559") or ("4318104") or ("4506221") or ("4523293") or ("4541687") or ("5436874") or ("5729660") or ("5879301") or ("5920285") or ("6236144") or ("4265126") or ("4267584") or ("4277644") or ("4296349") or ("4307613") or ("4325257") or ("4354247") or ("4355869") or ("4401957") or ("4422167") or ("4426134"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/13 10:21
L9	0	(control\$4 same different same audio same array same select\$4 same transducer\$1 same frequenc\$3 same distance same volume same detected same cancellat\$3 same chang\$3 same equal\$5).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:07
L10	0	(control\$4 same audio same array same select\$4 same (\$4speaker\$1 or transducer\$1) same frequenc\$3 same distance same volume same detected same cancellat\$3 same chang\$3 same equal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:09
L11	4	(control\$4 same audio same select\$4 same (\$4speaker\$1 or transducer\$1) same frequenc\$3 same distance same volume same detected same equal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:10

L12	0	11 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:11
L13	6918	(control\$4 and audio and select\$4 and (\$4speaker\$1 or transducer\$1) and frequenc\$3 and distance and volume and detected and equal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:11
L14	274	((("381"/\$).ccls.) and 13 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:12
L15	19	((("181"/\$).ccls.) and 13 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/13 11:20
S1	6	((("5988314") or ("5870484") or ("4653606")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/05 09:11

S2	109	(("4546459") or ("20040196982") or ("20050063555") or ("5666960") or ("5746699") or ("5882314") or ("4299467") or ("4338489") or ("4357853") or ("4513261") or ("4771466") or ("4783997") or ("4996674") or ("6091813") or ("6128392") or ("6130949") or ("6440083") or ("20050111673") or ("5753818") or ("6766033") or ("20030053648") or ("20060113872") or ("4604542") or ("4633119") or ("5003285") or ("6078673") or ("6112847") or ("6394223") or ("20040105559") or ("4318104") or ("4506221") or ("4523293") or ("4541687") or ("5436874") or ("5729660") or ("5879301") or ("5920285") or ("6236144") or ("4265126") or ("4267584") or ("4277644") or ("4296349") or ("4307613") or ("4325257") or ("4354247") or ("4355869") or ("4401957") or ("4422167") or ("4426134") or ("4452083")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/04 15:18
S3	6	(("5988314") or ("5870484") or ("4653606")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/04 15:19
S4	2	("5870484").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/05 15:53
S5	2	("5687239").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/05 15:53
S6	16	("3962543" "5181248" "5452359" "5495534" "5526429").PN. OR ("5687239").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/05 15:54

S7	2	(transd\$4 or \$4speaker\$1) same array same volume same (reduc\$3 or cancel\$5) same (acoustic or sound) same frequenc\$4 same below\$3 same distance same speed\$3 same sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 11:36
S8	153	(transd\$4 or \$4speaker\$1) same array same volume same (reduc\$3 or cancel\$5) same (acoustic or sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 11:42
S9	429	frequenc\$4 same below\$3 same distance same speed\$3 same sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 11:43
S10	0	S8 and S9 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 11:45
S11	64	S9 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/02 11:45
S12	2	("6704711").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/02 15:06
S13	8	((("5809153") or ("4739514") or ("5361381") or ("20030002693")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/03 19:33

S14	429	frequenc\$4 same below\$3 same distance same speed \$3 same sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 19:52
S15	5	((("381"/\$).CCLS.) AND S14 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 19:52
S16	6305	(transd\$4 or \$4speaker\$1) and array and volume and (reduc\$3 or cancel\$5) and (acoustic or sound) and frequenc\$4 and below\$3 and distance and speed \$3 and sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 19:57
S17	159	((("381"/\$).CCLS.) AND S16 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 19:57
S18	3	(transd\$4 or \$4speaker\$1) and (array same volume same (reduc\$3 or cancel\$5) same (acoustic or sound)) and (frequenc\$4 same below\$3 same distance same speed\$3 same sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/03 20:03
S19	2	("4343969").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/03 21:03
S20	1	(transd\$4 or \$4speaker\$1) same array same (volume same control) same (dynamic same equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:36

S21	29132	(transd\$4 or \$4speaker\$1) same array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:36
S22	194	(volume same control) same (dynamic same equaliz \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:37
S23	8	S21 and S22 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:37
S24	20464	S21 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:39
S25	83	S22 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:40
S26	24	((("381"/\$).cols.) and S22 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/04 10:41

S27	109	((("4546459") or ("20040196982") or ("20050063555") or ("5666960") or ("5746699") or ("5882314") or ("4299467") or ("4338489") or ("4357853") or ("4513261") or ("4771466") or ("4783997") or ("4996674") or ("6091813") or ("6128392") or ("6130949") or ("6440083") or ("20050111673") or ("20080101645") or ("5753818") or ("6766033") or ("20030053648") or ("20060113872") or ("4604542") or ("4633119") or ("5003285") or ("6078673") or ("6112847") or ("6394223") or ("20040105559") or ("4318104") or ("4506221") or ("4523293") or ("4541687") or ("5436874") or ("5729660") or ("5879301") or ("5920285") or ("6236144") or ("4265126") or ("4267584") or ("4277644") or ("4296349") or ("4307613") or ("4325257") or ("4354247") or ("4355869") or ("4401957") or ("4422167") or ("4426134"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/04 10:59
S28	104452	(transd\$4 or \$4speaker\$1) and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:25
S29	138	control\$3 same (audio or sound) same volume same (reduc\$3 or decreas\$3) same cancel\$6 same frequenc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:34
S30	0	equal\$7 same radiat\$3 same chang\$3 same "spectrum."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:37

S31	1084	equal\$7 same radiat\$3 same chang\$3 same spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:37
S32	3	S28 and S29 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:37
S33	0	S31 and S29 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:39
S34	8	S31 and S28 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:39
S35	5189	control\$3 and (audio or sound) and volume and (reduc\$3 or decreas\$3) and cancel\$6 same frequenc \$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:43
S36	9	((("381"/\$).cols.) and S29 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:44
S37	2	"5870484".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/08 20:52

S38	2	"5870484".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/09 09:39
S39	113805	(transd\$4 or \$4speaker\$1) same (array or arrange \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:19
S40	237	(volume same control) same (dynamic same equali \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:19
S41	18	S39 and S40 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:20
S42	1091	equal\$7 same radiat\$3 same chang\$3 same spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:34
S43	4	((("381"/\$).ccls.) and S42 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:34
S44	2825	((("381/104,97,98,111,387).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:42

S45	2377	((381/356,17,18,19,20,21,22,23,300).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:43
S46	768	((181/147,144,152).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:44
S47	2	S44 and S42 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:44
S48	2	S45 and S42 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:44
S49	1	S46 and S42 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:45
S50	13294	(volume and control) and (dynamic and equaliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:46
S51	74615	equal\$7 and radiat\$3 and chang\$3 and spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:47

S52	221061	(volume and control) and dynamic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:47
S53	14527	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:48
S54	16	S44 and S53 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:48
S55	16	S45 and S53 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:52
S56	4	S46 and S53 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:55
S57	2	(transd\$4 or \$4speaker\$1) same array same volume same (reduc\$3 or cancel\$5) same (acoustic or sound) same frequenc\$4 same below\$3 same distance same speed\$3 same sound same distort\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:57
S58	383	(transd\$4 or \$4speaker\$1) same array same volume same (reduc\$3 or cancel\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:58

S59	25	(acoustic or sound) same frequenc\$4 same below\$3 same distance same speed\$3 same sound same distort\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:58
S60	2	S59 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 11:59
S61	8510	(acoustic or sound) and frequenc\$4 and below\$3 and distance and speed\$3 and sound and distort\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 12:00
S62	824	S61 and S51 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 12:01
S63	146	S61 and S51 and S50 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 12:01
S64	16	((("381"/\$).ccls.) and S61 and S51 and S50 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 12:02
S65	2	((("181"/\$).ccls.) and S61 and S51 and S50 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 12:08

S66	2	("5870484").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/12 12:09
S67	18	("3104729" "3627948" "3754618" "4596034" "5764777").PN. OR ("5870484").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/12 12:09
S68	2598	frequenc\$4 same distance same speed\$3 same sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:26
S69	59784	(volume same control) same (dynamic or equal\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:27
S70	25	S68 and S69 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:28
S71	5938	((381/97-109 or 381/56-59).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:32
S72	355	((381/332,89).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:33

S73	15	S68 and S71 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:33
S74	1	("6633648").PN. OR ("6950524").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/12 15:36
S75	1	("6633648").PN. OR ("6950524").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/12 15:36
S76	1	("6633648").PN. OR ("6950524").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/12 15:37
S77	1	S68 and S72 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:38
S78	5	S69 and S72 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:39
S79	337	S69 and S71 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/12 15:41

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